

Application No. 10/036,902
Amendment dated June 9, 2004
Reply to Office Action of March 9, 2004

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

Claim 1 (currently amended). A composition for controlling odor produced by human waste retained in a disposable hygiene product, comprising an hydroxydiphenyl ether in a modified aliphatic acidic carrier provided on a base substrate material in the form of a dispersing layer of said disposable hygiene product, said base substrate material selected from the group consisting of nonwoven fabrics and polymeric films, said composition being provided by topical application of an aqueous admixture of said hydroxydiphenyl ether and said aliphatic acidic carrier to said substrate, said acidic carrier acting to shift the pH of the hydroxydiphenyl ether environment to an approximate range of between 3.0 and 5.0.

Claim 2 (original). A composition for controlling odor as in Claim 1, wherein the hydroxydiphenyl ether is a trichlorodiphenyl ether.

Claim 3 (canceled).

Claim 4 (canceled).

Claim 5 (previously presented). A composition for controlling odor as in Claim 1, wherein the aliphatic acid is a hexanedioic acid.

Claim 6 (currently amended). A method for controlling odor produced by human waste retained in a disposable sanitary product, comprising the steps of;

a) providing a base substrate material,

- b) providing a odor control compound,
- c) the odor control compound comprising an admixture of a hydroxydiphenyl ether and a modified acid carrier,
- d) applying the odor control in the form of said admixture compound topically to the base substrate material,
- e) subsequently forming the treated base substrate material into a ~~component material~~ dispersing layer for a disposable sanitary product, said acidic carrier acting to shift the pH of the hydroxydiphenyl ether environment to an approximate range of between 3.0 and 5.0.

Claim 7 (original). A method for controlling odor as in Claim 6, wherein the base material is selected from the group consisting of nonwoven fabrics, woven fabrics, polymeric films, and the combinations thereof.

Claim 8 (currently amended). A method for controlling odor produced by human waste retained in a disposable sanitary product, comprising the steps of:

- a) providing a base substrate material formed from a polymeric composition containing therein a hydroxydiphenyl ether,
- b) applying a modified acidic carrier to the base substrate material,
- c) subsequently forming the treated base substrate material into a ~~component material~~ dispersing layer for a disposable sanitary product, said acidic carrier acting to shift the pH of the hydroxydiphenyl ether environment to an approximate range of between 3.0 and 5.0.

Claim 9 (canceled).

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Claim 10 (canceled).